

ABSTRACT

[Abstract]

[Object] To provide a mounting method of a light emitting element, enabling positioning as to an object with precision with reference to the optic axis of a light emitting element, and mounting the element.

[Solving Means] A suction head is inserted between a first camera and a second camera of which the optic axes are faced which are mutually disposed at fixed spatial relationships, a head reference mark of the suction head is captured with the first camera, the end face of a light emitting element suctioned by the suction head is captured with the second camera, the light axis emitted by the light emitting element is captured with a third camera, a stage is inserted between the first camera and the second camera, a board held on the stage is captured with the first camera, a stage reference mark of the stage is captured with the second camera, the relative position between the light emitting element and the suction head and the relative position between the board and the stage are calculated using the image information from both cameras, the suction head and the stage are moved to a mounting position, the head reference mark and the stage reference mark are recognized with the first, and second cameras, and the suction head and the stage are subjected to position

correction based on the relative position information.

[Selected Figure] Fig. 4